SBR No. 17/19-20
DATED 29-4-19

Original/Duplicate/Triplicate EE/ELE/Y/BR No.17/19-20

CONTRACT CERTIFICATE

(For Other Works) Date..... Dt. 29-4-19 2017

No.2Nd & Final bill

Division: **Electricals (Yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Job Code :-004-18-000028**

Schedule Docket No. Head of Account :**P -2178 (Hon DyMayor Grants))**

D.R.No. :

Name of Work:- Providing LED Street Lights and Timers in Main Roads of Sector "B" in Ward no 04.

Name of Contractor and Full Address: A.N. Madusudhan (Prop Suraksha Electrical)..

Reference to Agreement No: EE/(Project)/YNK/Zone/WO/000041/17-18 12-03-2018

Reference to Agreement No:EE/(Project)/YNK/Zone/WO/127 /17-18 05/03/2018

Certified that the measurements were taken by me on ~~18/04/19~~ 18/04/19 and recorded of Pages 256407 to 408 of measurement Book No. 2565/18-19 and that the work is satisfactorily executed.

18/04/19

SURAKSHA ELECTRICAL Proprietor

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 18/04/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
Sub-Division Officer
BBMP, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	Bill=	40939=00
2) Deduct amount to be held in reserve being .....percent Rs.....	IT 1%	409=00
3) " Balance	Govt 1%	366=00
4) Deduct Payment:	Cess 1%	366=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount	LWCF 1%	409=00
	CBF 0.1%	41=00
adjusted towards cash advance recovery of	FSD 5%	2047=00
b) Payments Now made: cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.	Fine =	1450=00
	deductions=	5088=00
	Cheque=	~~37301=00~~ 35851=00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

SURAKSHA ELECTRICAL Proprietor

Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer making payment

P-2178 Hon Dy mayor.

ರೂ: 40939=00 ಅಂತಿಮ ಮೊತ್ತ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: ~~37301=00~~ 35851=00

ರೂ: ~~3638=00~~ 5088=00 ಮುಂಬಾಕಿ ಉಳಿದಿದೆ

Executive Engineer

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು

ಕಾ.ಪಾ.ಅ.(ಪ) ಯಲಹಂಕ ವಲಯ

Sl. No	Description of Item	Unit
	Name Of Work:- Providing LED Street Lights and Timers in Main Roads of Sector B in Ward no 04.	
1	LED Street light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II.90 Watts	Nos
2	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.pipe	Nos
3	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos
4	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or consealed system of wiring. a)4 sqmm.	Mtrs
	Total Rs	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

T.N. Baddy

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
77	2526562.50	0	32812.50	0.00	77	2526562.50	
55	51535	36	937.00	33732.00	91	85267.00	
0	0	39	184.80	7207.20	39	7207.20	
295	2321.65	0	7.87	0.00	295	2321.65	
	2580419.15			**40939.20**		**2621358.35**	